

L 33149-66

ACC NR: AP6013455

shows a section of the fire-control panel. The article also lists the following curricula of the training program in the schools for NCO's and enlisted men: basic mathematics and physics, principles of rocket engines, electrical systems, electronics, cybernetics, automatic systems, radar equipment, launching procedures and regulations. Officers of SAM units must be qualified engineers and technicians. Orig. art. has: 6 figures. [KP]

SUB CODE: 19,15/ SUBM DATE: none

L.S

Card 2/2

RUPEYKA, Z.

Equations - Numerical Solutions

Use of determinants in upper grades of the middle school. Z. Rupeyka., Mat.v shkole, no. 1, 1952.

Monthly List of Russian Accessions, Library of Congress, May 1952. Unclassified.

RUPEYKA, Z. (Kaunas).

~~XXXXXXXXXXXX~~

Critique as a method of examination and evaluation of knowledge. Mat.v
shkole no.6:56-59 N-D '53. (MIRA 6:12)

(Mathematics--Study and teaching)

RUPLIS, B. P., Cand Tech Sci (diss) -- "Hydromechanical computation of a rational underground contour for dams on non-rock foundations". Kiev, 1960.
16 pp (Min Higher and Inter Spec Educ Ukr SSR, Inst of Water Economy Engineers),
150 copies (KL, No 15, 1960, 136)

24 (

SOV/21-59-6-6/27

AUTHOR: Ruplis, B. P.

TITLE: On the Calculation of the Underground Contour of Hydrotechnical Structures on Non-Rock Foundations

PERIODICAL: Dopovidi Akademii Nauk Ukrain's'koi RSR, 1959, Nr 6, pp 594 - 599 (USSR)

ARTICLE: The article is the result of the author's research in calculating the underground contour on the basis of exact hydromechanical solutions, which is an unsolved problem in designing hydrotechnical constructions. Comparing the engineering methods of filtration calculations suggested by Br. Ruplys [Ref. 5], the author established that the grapho-analytical calculation method introduced by Doctor of Physico-Mathematical Sciences P. F. Fil'chakov [Ref. 2 and 6] is much more exact and obvious. However, its application to dealing with cases where the unpermeable-to-water stratum is located at a small depth is bound to result in a series of errors (at $T < 2 S$ max.) The author has worked out a sufficiently accurate method of adaptation of Fil'chakov's

Card 1/4

SOV/21-59-6-6/27

On the Calculation of the Underground Contour of Hydrotechnical Structures on Non-Rock Foundations

method to the latter case. It consists in a respective increase of actual length of "shpunt" in a conversion of "shpunt" scheme (in z area) to a flat contour (in area ξ^* , Figure 1). Values of m_s are expressed by an approximate formula

$$m_s = 1.03 + 0.1 \left(\frac{s}{T} - 0.5 \right) + 1.75 \left(\frac{s}{T} - 0.5 \right)^2 \quad (1)$$

when $0.5 \leq \frac{s}{T} \leq 0.9$, which is quite sufficient for practical purposes. Application of the above-mentioned method results in an absolute maximum error $\Delta h = \pm 0.006$. For finding the calculated depths h_r on a nomogram for standard flat stream bed, one should take Λ instead of Λ^* , i.e.

$$T_r = \frac{2T}{\Lambda}.$$

Further, by using the criteria of foundation ground stability under seepage flow proposed by A. A. Nichiporovich [Ref. 3], the author has worked a grapho-analytical method for con-

Card 2/4

SOV/21-59-6-6/27

On the Calculation of the Underground Contour of Hydrotechnical
Structures on Non-Rock Foundations

structing equally strong variations of the underground contour, which facilitates the finding of the most rational variation. It is based on marking out the flat stream bed, i.e. representation of a slot bed in the form of a flat bed (Figure 1), with the help of a graph shown in Figure 2. All calculations were made supposing that the foundation ground was uniform and had a limitless depth ($T = \infty$) and that the "shpuntoy" were absolutely water tight, although the graph can also be used when $T < \infty$. Noting the absence of recommendations on how to determine the minimum length of the underground contour for such cases where the underground contour is subject to displacements, the author proposes to express the $\Delta_{\min}$ through a dependence

$$\Delta_{\min} = 2H \frac{2K_B - 1}{K_B},$$

obtained by an analysis of a standard flat stream bed depicted in Figure 3.

Card 3/4

SOV/21-59-6-6/27

On the Calculation of the Underground Contour of Hydrotechnical
Structures on Non-Rock Foundations

There are 2 diagrams, 1 graph and 6 Soviet references

ASSOCIATION: Litovskaya sel'skokhozyaystvennaya akademiya (Lithuanian
Agricultural Academy)

PRESENTED: By G. N. Savin, Member, AS UkrSSR

SUBMITTED: February 24, 1959

Card 4/4

SLAVUTSKAYA, N.I.; RUFNEVSKAYA, M.I.

Use of sulfenol in bottle washing. Perm. i spirt.prom. 31 no.5:25-26
'65, (MIRA 18:8)

RUPNEVSKAYA, M. L.

TRUSOVA, Sof'ya Alekseyevna; FERTMAN, Valentina Konstantinovna;
RUPNEVSKAYA, M. L., retsenzent; IVANOV, L. I., spetsredaktor;
MASLOVA, Ye. F., redaktor; CHEBYSHEVA, Ye. A., tekhnicheskiiy redaktor

[Aromatic spirits and infusions for the production of
liqueurs and vodka] Aromatnye spirty i nastoi dlia proizvodstva
likero-vodochnykh izdelii. Moskva, Pishchepromizdat, 1957.

140 p.

(MLRA 10:5)

(Liquors)

RUPNEVSKAYA, M.L.

FAYERSHTERN, Yakov Davydovich; FERTMAN, Valentina Konstantinovna; TRUSOVA, S.A., retsenzent; RUPNEVSKAYA, M.L., spetsredaktor; MASLOVA, Ye.F., redaktor; KISINA, Ye.I., tekhnicheskii redaktor

[Waste products in liqueur and vodka manufacture] Otkhody likero-
vodochnogo proizvodstva: Moskva, Pishchepromizdat, 1957. 74 p.
(Liquor industry--By products) (MLRA 10:9)

YAKUBOVICH, I.A.; PASKHIN, N.P.; VILYANSKIY, M.P.; BABIN, S.Ye.; SLAVUTSKAYA, N.I.; Prinimali uchastiye: PARADNYA, P.I.; RUPNEVSKAYA, M.L.; PURISMAN, V.I.; LEONOVA, I.F.; PACHKOV, A.S.; BACHURINA, K.M.; FECHIN, M.I.; YUKSINA, L.A.; PONOMAREV, Yu.F.; DYMOVICH, Ye.I.; PIKUSOVA, R.A.

Production and use of synthetic water-soluble polyacrylamide adhesives. Fern. i spirt.prom. 30 no.8:32-34 '64.

(MIRA 18:1)

1. Moskovskiy likero-vodochnyy zavod.

TRUSOVA, S.A.; FERTMAN, V.K.; IVANOV, L.I., redaktor; RUPNEVSKAYA,
M.L., retsenzent; IVANOV, L.I., redaktor; MASLOVA, Ye.F.,
redaktor; KISINA, Ye.I., tekhnicheskii redaktor.

[Production of spirituous juices from fresh and dried fruit and
berries] Proizvodstvo spirtovannykh plodo-lagodnykh sokov i morsov.
Moskva, Pishchepromizdat, 1955. 98 p. (MLRA 8:12)
(Liquors) (Fruit juices)

KOLBER-POSTEPSKA, Barbara; RUPNIEWSKA Zofia M nika; POKORA, Jan
MATUSZEWSKI, Marek

Effect of smoking on urinary excretion of 5-hydroxyindolacetic
acid. Pol. tyg. lek. 19 no.44:1681-1683 N 2'64

1. Z I Kliniki Chorob Wewnetrznych (Kierownik: prof. dr. med.
M. Kedra) z II Kliniki Chorob Wewnetrznych Akademii Medycznej
w Lublinie (Kierownik: prof. dr. med. A. Tuszkiewicz) i z
Centralnego Laboratorium P.S.K. Nr.1 w Lublinie (Kierownik:
doc. dr. med. T. Borkowski).

RUPNIEWSKA, Zofia Monika

Duration of smoking and the content of ascorbic acid in the body.
Pol. tygod. lek. 20 no.29:1069-1071 19 J1 '65.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie
(Kierownik: prof. dr. med. Mieczysław Kedra).

MITURZYNSKA, Henryka; RUPNIEWSKA, Zofia

The picture of the peripheral blood and bone marrow in chronic cardio-pulmonary syndrome. Pol. tyg. lek. 17 no.20:787-792 14 My '62.

1. Z I Kliniki Chorob Wewnętrznych AM w Lublinie; kierownik: prof. dr med. M. Kedra.

(PULMONARY HEART DISEASE blood)
(BLOOD CELLS)

RUPNIEWSKA, Zofia Monika

Ascorbic acid and atherosclerosis. Pol. tyg. lek. 19 no.42:
1622-1626 19 0 '64

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie
(kierownik: prof. dr. med. M. Kedra).

POKORA, Jan. MATUSZAKI, Marek; BURNIEWICZ, Tofia; KOTLAR-POSTEPSKA,
Barbara

Studies on the rhythm of the excretion of 5-hydroxyindolacetic
acid (5-HIAA) in the urine of normal subjects. Pol. tyg. lek.
19 no.38:1444-1446 21 5 '64

1. Z II Kliniki chorob Wewnętrznych (Kierownik: prof. dr. Alfred
R. Tuszkiewicz); z I Kliniki Chorob Wewnętrznych Akademii Me-
dycznej w Lublinie (Kierownik: prof. dr. Mieczysław Kedra) oraz
z Centralnego laboratorium PSK Nr.1 w Lublinie (Kierownik: doc.
dr. Tomasz Borkowski).

RUPNIEWSKA, Zofia Monika

Myasthenia associated with Graves-Basedow disease. Pol. tyg. lek. 20
no.13:478-479 29 Mr '65

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie
(Kierownik: prof. dr. med. M. Kedra).

GOLACKA, Krystna; RUPNIEWSKA, Zofia

Subacute myelocytic leukemia following roentgen irradiation.
Pol. tyg. lek. 17 no.5:188-190 29 Ja '62.

1. Z I Kliniki Chorob Wewnetrznych AM w Lublinie; kierownik: prof.
dr M. Kedra.

(LEUKEMIA MYELOCYTIC etiol) (RADIOTHERAPY compl)

RUPNIEWSKA, Zofia Monika

l-ascorbic acid in non-smoking and smoking subjects. Pol. tygod.
lek. 19 no.33:1259-1263 17 S '64.

1. Z I Kliniki Chorob Wewnętrznych Akademii Medycznej w Lublinie
(kierownik: prof. dr med. M. Kedra).

RUPNIK, E

BARTA, L.; NEMETH, E.; RUPNIK, E.

Fat metabolism in atrophic infants. Orv. hetil. 94 no. 46:1267-1270
15 Nov 1953. (CML 25:5)

1. Doctor for Barta and Nemeth; Technical Collaborator for Rupnik.
2. First Children's Clinic (Director -- Prof. Dr. Pal Gagesi Kiss),
Budapest Medical University.

RUPNIK, F.

"Shortening The Preparatory And Final Work Time In Piece Or Small Series Metalwork",
p. 151. (Nova Proizvodnja, Vol. 4, no. 2, Apr., 1953, Ljubljana.)

SO: Monthly List of East European Vol. 2, No. 9, September 1953, Uncl.
Accessions, /Library of Congress,

pathology

HUNGARY

RUPNIK, Pal, Dr., and POTONDI, Andras, Dr., Institute of Forensic Medicine at the University for Medical Sciences (Orvostudományi Egyetem, Igazságügyi Orvostani Intézet) in Budapest (Director: OKROS, Sandor, Dr.).

"A Rare Form of Coarctatio Aortae"

Budapest, Orvosi Hetilap, Vol 107, No 29, 17 Jul 1966, pp 1372-1373.

Abstract: The autopsy of the body of a 38-year old woman showed the case of coarctatio aortae located proximally to the aorta subclavia sin. coupled with aneurysm of the aorta subclavia sin. The patient died of combined coarctatio and influenza infection. The clinical findings, including the patient's prior medical history, and the results of the autopsy were discussed in detail. 19 references, including 2 German, 1 Hungarian, and 16 Western.

RUPNIK, V.

Yugoslavia (430)

Law - Serials

Merging and splitting of the cooperatives. p. 158. LJUDSKI PRAVNIK.
(Društvo Pravnika Južske Republike Slovenije) Ljubljana. (Monthly of
the Association of Jurists of the People's Republic of Slovenia) Vol. 2,
no. 5-6, 1947.

East European Accessions List. Library of Congress, Vol. 1, no. 13,
November 1952. UNCLASSIFIED.

RUPNIK, V.

Yugoslavia (430)

Jurists of the People's Republic of Slovenia) Vol. 2, no. 3-4, 1947.

East European Accessions List, Library of Congress. Vol. 1, no. 13,
November 1952. UNCLASSIFIED. "Card 2 of 2"

RUPNIK, V.

Yugoslavia (430)

Law - Serials

The work of the 2d session of the Slovenian Parliament, December 15-16, 1947
P. 321. LJUDSKI PRAVNIK. (Društvo Pravnika Jugske Republike Slovenije)
Ljubljana. (Monthly of the Association of Jurists of the People's
Republic of Slovenia) Vol. 2, no. 11-12, 1947.

East European Accessions List. Library of Congress, Vol. 1, no. 13,
November 1952. UNCLASSIFIED.

RUPNIK, Viljem, dr

Basic condition for making possible the substitution of the marginal for the discreet method in solving optimal problems of production. *Automatika* 4 no. 5/6 308-310 '63.

1. Ekonomska fakulteta, Ljubljana.

RUPNIK, Z.

Yugoslavia (430)

Administration for the Improvement of Production attached to the Planning Commission of Slovenia. Summaries in English. Articles classified according to Decimal classification). Vol. 1, no. 2-3-4, Dec. 1, 1950.

East European Accessions List, Library of Congress, Vol. 1, no. 13,
November 1952. UNCLASSIFIED. "Card 2 of 2"

RUPNIK, Z.

Yugoslavia (430)

Technology

Reactive energy in the Slovenian electrical system. p. 167, Nova Proizvodnja,
Vol. 2, no. 2/4, August 1951.

East European Accessions List. Library of Congress, Vol. 2, no. 3, March
1953.

UNCLASSIFIED.

RUPNIK, Z.

Yugoslavia (430)

Technology - Serials

The influence of thermal insulation on coal consumption in industry. p. 115.
NOVA PROIZVODNJA. (Uprava za napredesk v proizvodnji pri planski komisiji LR
Slovenije) Ljubljana. (Illustrated bi-monthly on production issued by the

East European Accessions List. Library of Congress, Vol. 1, no. 13,
November 1952. UNCLASSIFIED. "Card 1 of 2"

RUPNIK, Z.

RUPNIK, Z. Phase compensation, neglected problems in our electrification.
p. 319

Vol. 23, no. 9/10, 1955
ELEKTROTEHNIŠKI VESTNIK
TECHNOLOGY
Ljubljana

So: East European Accession, Vol. 6, no. 3, March 1957

RUPNIK, Zdenko, inz.

Economic and technical aspects of the heretofore and foreseeable development of nuclear-power stations in the world up to 1968. Elektropriroda 15 no.5:219-226 My '62.

1. Nuklearni institut "Jozef Stefan," Ljubljana.

RUPNIK, Zderko, inz.

Future prospects of nuclear energy. Elektroprivreda 16 no.9:
439-449 S '63.

RUPP, E., dr., tanar (Lipce, N.D.K.)

Development of the preparation of chase in printing industry. *Muss*
elet 15 no.26:1-4 '61.

1. Grafikai Intezet.

JANOSSY, Lajos; RUPP, Erzsebet

Determination of parameters characteristic to the absorption of cosmic particles active from the point of view of atomic radiation.
Koz foiz kozl MTA 9 no.3:101-105 '61.

1. "Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezetének Kozlemenyei" felelos kiadoja (for Janossy).

HUNGARY/Nuclear Physics - Structure and Properties of Nuclei

C-4

Abs Jour : Ref Zhur - Fizika, No 1, 1959, No 411

Author : Rupp Erzsebet

Inst :

Title : Isomer States of Atomic Nuclei

Orig Pub : Magyar fiz. folyoirat, 1958, 6, No 2, 157-180

Abstract : No abstract

Card : 1/1

RUPP, Erzsebet

Remarks on the method of the maximum likelihood and of the weighted smallest squares. Koz fiz kozl MTA 9 no.1/2:37-41 '61.

1. Magyar Tudomanyos Akademia, Kozponti Fizikai Kutato Intezete, Szamitastechnikai Osztaly.

(Approximate computations) (Forms, Quadratic)

Rupp, E.

Gluing paper and cardboard. p. 187. FAPIR A CELULOSA. (Ministerstvo lesu a drevarskeho prumyslu) Praha. Vol. 9, no. 9, Sept. 1954.

SOURCE: EEAL - LC Vol. 5 No. 10 Oct. 1956

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446110004-0

RUPP, E.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001446110004-0"

RUPP, E

539.163.1
1284. ON THE DIFFERENCE BETWEEN THE DENSITY DISTRIBUTIONS OF NEUTRONS AND PROTONS IN THE NUCLEAR β -COUPLING SHELL MODEL. H.G. Györfi and E. Rupp. Acta phys. Hungar., Vol. 6, No. 3-4, 495-7 (1957).

Following Mittelstaedt's arguments, different collective nuclear potentials on a phenomenological basis have been used to ensure approximately the β -stability of the nucleus discussed.

The mesic charge of the neutrons was chosen as $g_n = 3.4 e$, that of the protons, $g_p = 3.8 e$, thus reducing the binding-energy difference between the last neutron and proton of Gd^{153} to 3.65 MeV. The wave- and density-functions of all the Gd^{153} nucleons have been determined, and they satisfy the constant density assumed in the zero-order approximation. The equivalent radii for the density distributions of the nucleons are: $R_p = 1.34 \times 10^{-13} A^{1/3}$ cm and $R_n = 1.40 \times 10^{-13} A^{1/3}$ cm. Calculations of these radii by other workers are discussed.

J. J. P. Ippa

JANOSSY, Lajos; RUPP, Erzsebet

Determination of parameters in the case of exponential absorption by means of the maximum likelihood method. Koz fiz kozl MTA 8 no.2/3: 71-74 '60. (EEAI 10:4)

1. Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete,
Numerikus Csoport.
(Cosmic rays) (Neutrons)

JANOSSY, Lajos; RUPP, Erzsebet

Determination of parameters in case of exponential decay. Koz fiz kozl
MTA 8 no.2/3:75-81 '60. (EEAI 10:4)

1. A Magyar Tudomanyos Akademia Kozponti Fizikai Kutato Intezete,
Numerikus Csoport.
(Cosmic rays) (Neutrons)

1ST AND 2ND ORDERS										3RD AND 4TH ORDERS									
PROCESSES AND PROPERTIES INDEX																			
SA 1651. Applications of Electron Interferences for Structural Analysis. <u>E. Rupp</u>, <i>Phys. Zeits.</i> 31. pp. 1076-1078, Dec. 15, 1930. Paper read before the <i>Deut. Physiker-tag., Königsberg, Sept., 1930.</i>—Deals with the interferences similar to those produced by X-rays, and which agree with them for high-velocity electrons, when they are treated as waves with wave-length given by the de Broglie equation $\lambda = \sqrt{150/V} \text{ \AA}$, where V is the volt velocity of the electrons. There are, however, differences of intensity in the interferences as compared with those produced by X-rays, and the atomic form factor is in part determined by scattering of the electrons by the atomic nucleus, while X-rays are mainly scattered in the electron shell surrounding the nucleus. The experiments of Ponte, using thin foils, and those of G. P. Thomson, using grazing reflection, are mentioned. The author has experimented with slow electrons, V about 100 volts, instead of Thomson's 30 kV. The experiments must be made in a very high vacuum, and all metal parts must be glowd out; measurements of intensity have not been possible, but the diffraction maxima can be well reproduced. Gas adsorption on metals, surface layers on metals, and surface compounds have been investigated. Considerable difficulties arise in the explanation of the observed phenomena. H. N. A.																			
ASB. SLA METALLURGICAL LITERATURE CLASSIFICATION																			
FROM STATION										FROM BOMBY									
GROUP										GROUP									

S A

A 53

1992, Regular and Total Reflection of Electrons. E. Rupp.
Phys. Zeits. 30 pp. 935-939, Dec., 15, 1929. Paper read before The Aust. Physikerstag., Prague, Sept., 1929.

The measurements show that as the angle of incidence decreases the proportion of electrons reflected at the equal angle of reflection increases (silver); that the electrons reflected regularly without energy loss increase in quantity with decrease in electron velocity, the angle of incidence being kept constant; that for elements in the same vertical column of the periodic table the intensity of the reflection maximum increases with decreasing ordinal number. Definite experimental proof of total reflection of electrons is provided by an experiment in which the incident beam impinges on a thin wedge of nickel deposited on a metal (Cu) or insulator (KCl). On displacing the reflecting surface so that the point of incidence moves along the metal wedge, the intensity of the reflected electrons shows, for angles of incidence in the neighbourhood of 80° , a characteristic maximum which is due to total reflection of the electrons at the interface Ni-Cu or Ni-KCl respectively.

W. S. S.

ASIS-SLA METALLURGICAL LITERATURE CLASSIFICATION

FROM 17-00000

FROM 17-00000

COLLECTION

COLLECTOR'S NAME AND ADDRESS

RUPP, Erzsebet; TOTH, Imre; ZAMORI, Zoltan

Statistical evaluation of angular correlation measurements.
Koz fiz kozl MTA 10 no.3:219-234 '62.

RUPP, Erzsebet; LOCS, Gyula

The expectable shape of the neutron spectrum measured by a mechanical selector. Koz fiz kozl MTA 11 & no.1:67-74 '63.

RUPP, Ladislav, inz.

Design of a regional concrete plant system in Czechoslovakia.
Inz stavby 12 no.12: Suppl: Mechanizace no.12:189-190 '64.

1. Ingstav National Enterprise, Brno.

RUPP, L., inz.

Activities of the 12th Commission of the Advisory Board for
Mechanization and Automation of Building Industries. Poz
stavby 11 no.3:169 '63.

ALMAZOV, V.A.; ROGCVA, T.L.; RUPPE, E.A.

Histochemical changes in leucocytes in experimental radiation sickness.
Med. rad. 9 no.3:61-66 Mr '64. (MIRA 17:12)

1. Kafedra fakul'tetskoy terapii (zav. - prof. T.S.Istamanova) I
Leningradskogo meditsinskogo instituta imeni akademika I.P.Pavlova.

ACCESSION NR: AP4025122

S/0241/64/009/003./0061/0066

AUTHOR: Almazov, V. A.; Rogova, T. L.; Ruppe, E. A.

TITLE: Leucocyte histochemical changes in experimental radiation sickness

SOURCE: Meditsinskaya radiologiya, v. 9, no. 3, 1964, 61-66

TOPIC TAGS: radiation sickness, leucocyte histochemical change, peripheral blood, bone marrow, DNA level, RNA level, glycogen level, oxidase level, radiation dose, leucocyte metabolism, septicemia

ABSTRACT: Thirty experimental rabbits were irradiated with doses of 300 to 900 r (120 kv, 20 ma, focal length 60 cm, 18-20 r/min) to investigate simultaneous histochemical changes in blood and bone marrow. The animals were tested before and 1-30 days after irradiation to determine levels of DNA by Feulgen's method, RNA by Brachet's method, cytochrome oxidases by G. I. Roskin's method, peroxidases by a benzidine method, and glycogen by A. L. Shabadash's method. Findings show that in irradiated animals pancytopenia develops in the blood and aplasia in the bone marrow; both developments are accompanied by significant changes in leucocyte

Card 1/2

ACCESSION NR: AP4025122

activity (reduced levels of nucleic acids, glycogen, and oxidases). Deterioration of leucocyte metabolic activity after irradiation contributes to development of septicemia. These histochemical changes in leucocytes of both blood and bone marrow depend on radiation dose. Orig. art. has: 1 table.

ASSOCIATION: Kafedra fakul'tetskoy terapii I Leningradskogo meditsinskogo instituta im. akad. I. P. Pavlova (Dept. of Faculty Therapy of the First Leningrad Medical Institute)

SUBMITTED: 12Jun63

DATE ACQ: 17Apr64

ENCL: 00

SUB CODE: AM

NO REF SOV: 010

OTHER: 003

Card 2/2

COMES, TS.; RUPPENET, K.V.

Calculating the stability of flat roof chambers. Trudy VNIIST
no.12:122-201 '62. (MIRA 16:11)

RUPPENYIT, K.V.; MATVIYENKO, V.V.

Estimating the stability of structural elements to be used in
underground construction. Trudy VNIIST no.12:3-73 '62.
(MIRA 16:11)

RUPPENBYT, K.V.

Developing the engineering theory of rock pressure. Vop. gor. davl.
no. 1713-9 '63. (MIRA 18:9)

YERZHANOV, ZHARAN Naloyemovich; RUDENYIT, K.V., doktor tekhn.
nauk, otv. red.; MOSKVICHEVA, L.N., red.; MENZHOULINA,
N.A., red.

[Theory of rock creep and its application] Teoriia pol-
zuchesti gornykh porod i ee prilozheniia. Alma-Ata,
Nauka, 1964. 172 p. (MIRA 18:1)

PA 163T67

USSR/Mining - Pressures, Mine

May 50

"Problem of Determining the Mine Pressures in Development Works Preliminary to Actual Mining," K. V. Ruppeneyt, Mining Inst, Acad Sci USSR

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 5, pp 702-720

Theoretically determines actual distribution of mine pressures in rock surrounding underground diggings as they progress especially for coal mines. Categories: (1) setting up problem of plastic deformation, (2) mechanical characteristics of clay, limestone, gravel, etc, (3) basic equations and boundary conditions for limiting equilibrium, (4) actual scheme of calculation, 163T67

USSR/Mining - Pressures, Mine
(Contd)

May 50

(5-6) stressed state around digging for density equal to 0, and not 0, and (7) lamellar medium and actual data showing day-by-day mine stress variations. Submitted by Acad A. A. Skochinskily.

RUPPENET, K. V.

163T67

RUPPENYET, K. V.

PA 173187

USSR/Mining - Pillars

Oct 50.

"Determination of Breaking Load for Pillars of Given Dimensions," K. V. Ruppeneyt, Mining Inst, Acad Sci USSR.

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 10, pp 1550-1574

Formulas for carrying capacity of bodies under plane deformation and made of materials for which condition of limiting equil may be approximated by cycloid and horizontal straight line. Example of calg destructive load for salt-mine pillar.

173187

RUPPENY, K. V.

Strains and Stresses

Determining stresses in the ceiling of room-type mines, (Trudy) VIML, 22, 1950.

9. Monthly List of Russian Accessions, Library of Congress, October 195~~8~~₂, Uncl.

RUPPENeyt, K. V.

PA 160T90

USSR/Physics - Compression Tests
Stress Analysis

11 May 50

"Compression of a Cylinder Between Two Polished Rigid
Plates," K. V. Ruppeneyt, 4 pp

"Dok Ak Nauk SSSR" Vol LXXII, No 2

Discusses subject compression under condition that
plasticity is given in form of round maximum rings
of stress, or that intensity of tangential stresses
is constant. Submitted 20 Mar 50 by Acad A. A. Sko-
chinskiy.

160T90

RUPPENeyT, K. V.

USSR/Mining - Structural Analysis

Jul 51

"Checking the Strength of Pillars of Given Dimensions," K. V. Ruppeneyt

"Iz Ak Nauk SSSR, Otdel Tekh Nauk" No 7,
pp 1065-1084

Using theory of limit equil, develops simple and convenient formulas which take into consideration increased strength of material in inner parts of pillar cross section. Corroborates earlier assumption that pillars are complexly stressed bodies, carrying capacity of which depends on ratio between length and width. Gives numerical

205T93

USSR/Mining - Structural Analysis
(Contd)

Jul 51

examples of calcn, for evaluating effect of various factors of value of breaking load. Submitted by Acad A. A. Skochinsky 18 Sep 50.

205T93

AMR

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2203. Ruppeneit, K. V., Verification of the strength of mine roofs (in Russian), *Izv. Akad. Nauk. SSSR Otd. tek. nauk* no. 4, 570-592, Apr. 1951.

Plane strain methods of the theory of elasticity are applied to the determination of stresses in mine roofs of a span L , whereby the roof proper is formed by a uniform layer of thickness h . The following three cases are considered: (1) $h \geq L$; (2) $h < L$; (3) $h \leq 1/2 L$. Depending on the strength of the overlying strata, the roof is treated as a one-layered or as a two-layered system. Diagrams and numerical examples illustrate the application of the formulas derived. Gregory P. Tschubaroff, USA

AMR

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D. G. H. R. Scotland

RUPPENET, K.V., kandidat tekhnicheskikh nauk; KUNYAYEV, Ye.V., inzhener.

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Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational
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SO: SUM No. 556, 24 Jun 55

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(Soil mechanics) (Mining engineering)

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(Mine timbering)

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(Continued on next card)

BEYLINA, TS.O. --- (continued) Card 2.

RUPPENET, K.V., redaktor; TERPIGOREV, A.M., glavnyy redaktor;
BARABANOV, F.A., redaktor; BARANOV, A.I., redaktor; BUCHNEV, V.K.,
redaktor; GRAFOV, L.Ye., redaktor; DOKUKIN, A.V., redaktor; ZADEMID-
KO, A.N., redaktor; ZASYAD'KO, A.F., redaktor; KRASNIKOVSKIY, G.V.
redaktor; LETOV, N.A., redaktor; DISHIN, G.L., redaktor; MAN'KOV-
SKIY, G.I., redaktor; MEL'NIKOV, N.V., redaktor; ONIKA, D.G.,
redaktor; OSTROVSKIY, S.B., redaktor; POKROVSKIY, N.M., redaktor;
POLSTYANOV, G.N., redaktor; SKOCHINSKIY, A.A., redaktor; SONIN,
S.D., redaktor; SPIVAKOVSKIY, A.O., redaktor; STANCHENKO, I.K.,
redaktor; SUDOPLATOV, A.P., redaktor; TOPCHIYEV, A.V., redaktor;
TROYANSKIY, S.V., redaktor; SHEVYAKOV, L.D., redaktor; BYKHOV-
SKAYA, S.N., redaktor izdatel'stva; ZAZUL'SKAYA, V.F., tekhniches-
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[Mining; an encyclopedic handbook] Gornoe delo; entsiklopedicheskiy
spravochnik. Glav.red. A.M. Terpigorev. Chleny glav.red. F.A. Bara-
banov i dr. Moskva, Gos.nauchno-tekhn.izd-vo lit-ry po ugol'noi
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RUPPENBYT, K.V.

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(Petroleum engineering)
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IL'SHTEYN, A.M.; RUPPENYIT, K.V., otvetstvennyy red.; LOZNEVA, A.A., red.
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[Features of the occurrence of mine pressure in lava of gently
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niia v lavakh pologopadaiushchikh plastov kameno-ugol'nykh mesto-
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(Coal mines and mining)
(Earth pressure)

RUPPENETZ, K V

24-58-3-36/38

AUTHOR: Solomonov, M.

TITLE: Elaboration of the Problem of Rock Pressure (K razrabotke problemy gornogo davleniya)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 3, pp 173-174 (USSR)

ABSTRACT: A conference devoted to the phenomena of earth pressure in the rocks surrounding horizontal and vertical workings took place in December 1957 at the Mining Institute of the Academy of Sciences of the USSR. More than 100 representatives of 49 scientific-exploratory bodies, universities and mining enterprises took part in the conference. The conference brought to light problems of theoretical interest related to the distribution of stresses in the rocks, their displacement around the workings and an estimate of pressure upon the timbering of workings - all in line with contemporary notions of the theory of elasticity, plasticity and a creep - flowage. Of exceptional interest among the reports submitted were those which brought to light the role of anisotropy, the problems of an assessment of the creep-flow of rocks and of the influence of the stopping operation upon displacement of

Card 1/3

24-58-3-36/38

Elaboration of the Problem of Rock Pressure.

rocks and exposure of the earth pressure in drifts. The following papers were presented: A. S. Kosmodamianskiy on "An estimate of stressed conditions in an anisotropic massif with the workings within it"; Yu. M. Liberman on "The influence of the time factor revealed by the pressure and displacement of rock in drifts under the influence of stopping operations"; K. V. Ruppeneyt "Pressure and displacement in drifts under the influence of stopping operations"; M. I. Rozovskiy "Methodology of laboratory definition of a creep-flow character of rocks and calculation of the flowage around vertical shafts"; T. S. Yarzhanov "Methodology of a laboratory estimate of the characteristic of flowage of rocks and computation of a creep-flowage around vertical main shafts"; T. A. Kryzhanovskaya "Investigation of the problem of rock pressure upon timbering of horizontal workings based on the theory of viscosity and plasticity of the creep-flow". Of the papers devoted to the investigation conducted under shaft conditions, the conference drew attention to measurements made in the railway tunnels and subways in the Nikopol' Manganese basin and the Donetsk basin and in the main shafts at great depths. B. N. Vinogradov on "Investigation into the phenomenon of earth pressure in tunnel construction"; A. G. Barlas on "An

Card 2/3

24-58-3-36/38

Elaboration of the Problem of Rock Pressure.

analytical examination of work (behaviour) of timbering in the weak surrounding rocks and measurements of deformations of timbering and the load in the horizontal workings of Nikopol' Manganese basin"; M. A. Komissarov on "The earth pressure around horizontal and inclined workings in connection with the stopping of coal seams under the conditions of the Donetsk basin"; A. M. Yanchur on "The investigation of the manifestation of earth pressure in vertical shafts of the Donetsk basin at great depths". The conference expressed its gratitude to the Czechoslovak scientist, Doctor-Engineer Rudol'f Kvapčil for his interesting communication on the theory of earth shocks.

Card 3/3

1. Geology--Conference--USSR

LESIK, N.P.; OVANTANOV, G.T.; RUPPENYET, K.V.; SOLOKHIN, Ye.Ya.

Principles for physical modeling of hydraulic fracturing of strata.
Trudy VNII no.16:64-74 '58. (MIRA 11:12)
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RUPPENYI, K.V.; LYTKIN, V.A.; DRANOVSKIY, A.N.

Calculation of a ring in an elastic medium with mixed
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GOMES, TS. (Moskva); RUKIN, V.V. (Moskva); RUPPENYET, K.V. (Moskva)

Interaction of the linings of hydrotechnical pressurized tunnels
with rocks. Izv. AN SSSR. Mekh. no.2:147-151 Mr-Apr '65.
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Working out the engineering theory of rock pressure. Vop. gor. davl.
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[Probability methods for the evaluation of the strength
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DOLGIKH, M.A.; RUPPENET, K.V.

Problems of estimating the stability of unsupported shafts of
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(MIRA 16:7)

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[Calculations of mine-shaft lining] Raschet krepi shakhtnykh stvolov. [By] K.V.Ruppeneit i dr. Moskva, Izd-vo Akad. nauk SSSR, 1962. 121 p. (MIRA 15:7)

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PESLYAK, Yuriy Apollinariyevich; RUPPENYIT, Konstantin Vladimirovich, doktor tekhn.nauk; VATOLIN, G.N., ved.; FEDOTOVA, I.G., tekhn.red.

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TRUMBACHEV, Vladimir Fedorovich; MEL'NIKOV, Yevgeniy Andreyevich; ~~RUP-~~
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[Earth pressure in stopes and development workings] Gornoe
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RUSSIAN, Konstantin V. - "Experience
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the displacements in faces, taking the
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(Section 7)
RUSSIAN, Vladimir P., Institute of
Mining, Academy of Sciences - "Experimental
investigations into the distribution of
stresses in inhomogeneous pillars and
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(Section 8)

REPORT TO BE PRESENTED AT THE INTERNATIONAL ROCK PRESSURE CONFERENCE, PARIS, FRANCE,
18-20 May 1960.

RUPPEVEYT, K. V.

The International Rock Pressures in Mining was held in Leipzig, 14-16 Oct. 1958.
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AVERSHIN, S. G. (Leningrad)
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"Questions of Rock Pressure."

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CA

Yeast as an important carrier of protein. The biological value of yeast protein. *Fed. Ruspets. Dep. med. biokhim.* 73, 90-7 (1948); *Chem. Zentr.* (Russian Zone Ed.)

1948, II, 1429. - Growth tests on young rats were used to compare the biol. value of wood-sugar yeast (I), of wood-sugar yeast enriched in cystine by the addn. of a keratin hydrolyzate (II), and of fish meal (III). Animals receiving I (contg. 0.33% cystine) showed poor growth and a high mortality (death within 40 days). Of the animals receiving II, 70% survived 40 days, while 80% of those receiving III survived a like period. Therefore, in spite of its higher cystine content (1.01%), II was inferior to III (cystine content 0.52%) in the growth tests. Dissection of animals receiving II for 130 days revealed only enlargement of the liver and no other pathol. conditions. Thus, unlike brewers' yeast, wood-sugar yeast cannot be converted into biologically complete protein by the addn. of cystine.

M. G. Moore

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